



Philips  
Internal Bulk Drive

PBDV1648S



## 8x DL WritingSpeed

First dual format drive for 8X DVD+R DL writing

First 16x dual format drive combining 8x DVD+R DL and 4x DVD-R DL writing speed on 8.5GB double layer media and 8x ReWrite speed on DVD+RW media

### Superior Performance

- 16X top writing speed on DVD+R/-R
- DVD ReWriter supporting 16X DVD-R

### Top Performance

- Burn video, audio and images onto DVD or CD

### Extreme Reliability and Robustness

- Safe and reliable re-writing with Seamless Link
- Dynamic Calibration ensures writing quality at high speed

### Productivity

- 4 Hours of DVD quality video fits on one disc

**PHILIPS**  
sense and simplicity

## Specifications

### Storage Media

- **Access time (typical):** 120ms on CD, 140 ms on DVD
- **Disc capacity:** 8.5 GB DVD+R DL, 4.7 GB DVD+R/R
- Mass storage class compliant
- **Reading speeds:** 16x on DVD-ROM, 10x on DVD+R DL, 10x on DVD+R, 10x on DVD+RW, 10x on DVD-R, 10x on DVD-RW, 40x on CD-R, 32x on CD-RW
- **Recording format:** UDF and ISO 9660
- **Recording media:** 8cm CDs (only in hor. pos.), CD-R, CD-RW, DVD+R, DVD+R double layer, DVD+RW, DVD-R, DVD-RW
- **Recording speeds:** 16x on DVD+R, DVD+R DL 8x, DVD-R 16x, 48x on CD-R
- **Supported formats:** 8cm discs, CD-Audio, CD-Bridge, Stereo out (2 cinch), CD-I, CD-Recordable, CD-Rewritable, CD-ROM, CD-Text, DVD+R, DVD+RW, DVD-ROM, DVD/R, DVD/RW, Photo CD
- **Write modes:** Disc at once (DAO), Fixed packet, Multi session (MS), Over-burn writing, Packet writing, Raw mode burning, Session at once (SAO), Track at once (TAO), Variable packet
- **Rewriting speeds:** 8x on DVD+RW, 32x on CD-RW
- **Recording speed:** DVD-R DL 4X

### Connectivity

- **Other connections:** 12 V DC in, Analogue audio Left/Right out 2x, IDE interface connector,

Master/Slave select jumper

### Convenience

- **Ease of Installation:** Plug & Play

### Accessories

- **Included Accessories:** 4 mounting screws, CD-ROM with software + manual, User Manual

### System Requirements

- **PC OS:** Win 98 SE, 2000, ME, XP
- **Processor:** Pentium III 500MHz or faster
- **RAM memory:** 128 MB
- **Hard disk space:** 500 MB

### Dimensions

- **Product dimension (WxDxH) inch:** 20x15x4 cm
- **Product weight:** 0.9 kg
- **Product dimensions (WxDxH):** 20x15x4.1 cm

### Power

- **Adaptor type:** DC 5V/12V
- **Power consumption:** 25 W

### Technical specifications

- **Humidity:** 5 - 90 %RH (no condensation)
- **Operating temperature range:** 5 - 50 °C
- **Safety standards:** EN60950, EN60825, UL1950
- **EMC standards:** EN55022, EMS55024, FCC Part 15
- **Access time:** CD: <120msec (typical), DVD: <140msec (typical)

## Product highlights

### 16X write speed on DVD+R/-R

Top speed 16X recording on DVD+R and DVD-R discs

### 16X write speed on DVD-R

16x DVD-R writing speed

### High Speed ReWriting

Record your discs faster than ever before

### Seamless Link

Seamless Link prevents loss of discs caused by writing errors

### Dynamic Calibration

Dynamic Calibration optimises DVD writing quality of high-speed DVD+RW drives.

### 4 Hours of DVD quality video

4 Hours of DVD quality video fit on one disc without the need to turn the disc over in the midst of a movie



Issue date 2007-12-06

Version: 2.0

12 NC: 9082 100 05469  
EAN: 87 10895 91872 5

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